abnormalities 2 about above 1 abstract accur at e act ual actually 1 adjusting 2 admi ni st rat or advant ages alarm 1 alarms 5 alert 13 alerts 15 alfonso 1 allowing although 1 analysis 5 appar ent appears application applications aspects attack 5 attacks 5 at t empt at t empt ed avai I abl e background 1 based 3 bayes 4 belief 7 both 3 cal cul at es 1 called 1 can 4 certain 2 characteristics 1 claims 2 class 1 classes 1 comuni cat e 1 compare 2 comparing 2 comparison 2 comput er 4 connection 2 connections 1 continuation 2 correlated 3 correlation 9 coupl ed 2 coupling 1 current 4 currently 1 data 3 description 3 det ect det ect i ng det ect i on 16 device 1 diagnosing 2 different

directed 2 discover 1 discovers 2 discussed 1 display 4 distract 1 di stri but ed 1 drawings during 1 dur i ng easily either 1 el ement s entitled 4 erroneous 2 est ablished 1 etc 1 examined 1 example 8 examples 2 exceed 1 exi st ent existing 1 expectation fails 2 false 6 feature 4 f eat ur es few 1 field 1 filed 3 finally 1 flowchart fusion 1 gateways generate 3 gener at ed greatly 2 grouped 2 groups 1 groups 1 hacker 4 hackers 1 hundreds 1 hypot heses identify 1 impossible 1 improve 2 incident 2 include 1 includes 3 incomplete 1 incorporated 2 increase 2 increased 1 indicate 1 i ndi vi dual 1 information 5 intelligent 2 i nt er net intrusion 16 inventors i esus keith 1

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knowledge 1
large
         2
l east
l evel
         2
       2
like
live
       1
lots 1
low 3
main 1
major 1
make 1
malfunctioning 3
manner 3
mar 1
march 1
match 4
matches 1
matching 1 matrix 1
may 6
meet 2
met hod 2
met hods 2
minimum 2
m sl eadi ng
models 1
modify 4 monitor 4
monitors 4
more 4
mor eover
most 1
multiple 1
nam ng 1
nat ur ě 1
net work 25
net works 4
new 2
non 1
          5
nor mal
nov 1
number
objects 1
of ten 1
one 10
oper at or
organize 2
over whelm 1 part 2 pat ent 5
pattern 2
patterns 5
pending 1
person 1
porras 1
port 1
ports 1
present ed 1
previous 3
priority 1
probabilistic 8
probability 1
probe 1
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problem 1
process 2
profile 2
profiles 1
proper 1
protect 1
provi si onal
quality 3 rather 1
raw 1
real 3
reasoning 2 received 3
recei ved
reduce 2
reducing 1
reference 4
rejecting
related 3
relates 1
rel evant
report 3
represent
representing
requests
resources 3
resources
results 2
reviews 1
same 1
scale 1
sctn 1
sensitivity
sensor 15
sensors 15
sep 1
ser 3
server 3
share 1
sheer
       1
showing 6 shows 2
signature 4
significantly
similarity
ski nner
slowly 1
society 2
specifically 1
state 6
statistical
steps 1
stored 3
structure 2 summary 1
suspicious 1
sweeps 1
symbols 1
symposium 1
system 16
         17
systems
take 1
tcp 1
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techniques 4
three 1
time 4
towards 2
traffic 22
transfer 1
transmits 1
trigger 1
trigger 2
two 2
types 3
typical 1
under 1
update 2
usc 1
used 8
uses 2
using 2
usually 1
valdes 1
value 2
values 2
volume 1
weaknesses 1